

[illegible]

	SIGNAL PEPTIDE	SECRETED PEPTIDE
hPL-3	MAAGSRTSLLLAFALLCLPWLQEAGA	VQTVPLSRLFDHAMLQAHRAHQLAIDTY...
hPL-4	MAPGSRSTSLLLAFALLCLPWLQEAGA	VQTVPLSRLFDHAMLQAHRAHQLAIDTY...
hPL-1	MAAGSRTSLLLAFALLCLPWLQEAGA	VQTVPLSRLFKEAMLQAHRAHQLAIDTY...
	26/28 (93%)	IDENTICAL, 26/28 (93%) SIMILAR

FIG. 1

	SIGNAL PEPTIDE	SECRETED PEPTIDE
hPL (1-28)	MAAGSR T S L L L A F A L L C L P W L Q E A G A	V Q T V P L S R L F D H A M L Q A H R A H Q L A I D T Y *
hPL-3	MAAGSR T S L L L A F A L L C L P W L Q E A G A	
hPL-4	MAAGSR T S L L L A F A L L C L P W L Q E A G A	V Q T V P L S R L F D H A M L Q A H R A H Q L A I D T Y . . .
		V Q T V P L S R L F D H A M L Q A H R A H Q L A I D T Y . . .
		28/28 (100%) IDENTICAL, 28/28 (100%) SIMILAR

FIG.2

	SIGNAL PEPTIDE	SECRETED PEPTIDE
hPL (1-28)	MAAGSR T S L L L A F A L L C L P W L Q E A G A	V Q T V P L S R L F D H A M L Q A H R A H Q L A I D T Y *
hPL-1	MAAGSR T S L L L A F A L L C L P W L Q E A G A	V Q T V P L S R L F K E A M L Q A H R A H Q L A I D T Y . . .
	26/28 (93%)	IDENTICAL, 26/28 (93%) SIMILAR

FIG.3

SECRETED PEPTIDE

SIGNAL PEPTIDE	SECRETED PEPTIDE
hPL (1-28)	MAAGSR T S L L L A F A L L C L P W L Q E A G A V Q T V P L S R L F D H A M L Q A H R A H Q L A I D T Y *
hGH-1	MATGSR T S L L L A F G L L C L P W L Q E G S A F P T I P L S R L F D N A S L R A H R L H Q L A F D T Y . . .
	20/28 (71%) IDENTICAL, 25/28 (89%) SIMILAR

FIG.4

	SIGNAL PEPTIDE	SECRETED PEPTIDE
hPL (1-28)	MAAGSR T S L L L A F A L L C L P W L Q E A G A	V Q T V P L S R L F D H A M L Q A H R A H Q L A I D T Y *
hGH-v	MAAGSR T S L L L A F G L L C L S W L Q E G S A	+ + + + + + F P T I P L S R L F D N A M L R A R D L F D R A V V L S H Y . . .
		13/28 (46%) IDENTICAL, 19/28 (68%) SIMILAR

FIG.5

[illegible]

	SIGNAL PEPTIDE	SECRETED PEPTIDE
hPL (1-28)	MAAGSRTSLLLAFALLCLPWLQEAGA	VQTVPLSRLFDHAMLQAHRAHQLAIDTY*
		++ + + + + + + +
hPL	MNIKGSPWKGSLLLLLVSNLLLLCQSVAP	LPICPGGAARCQVTLRDLFDRAVVLSHY...

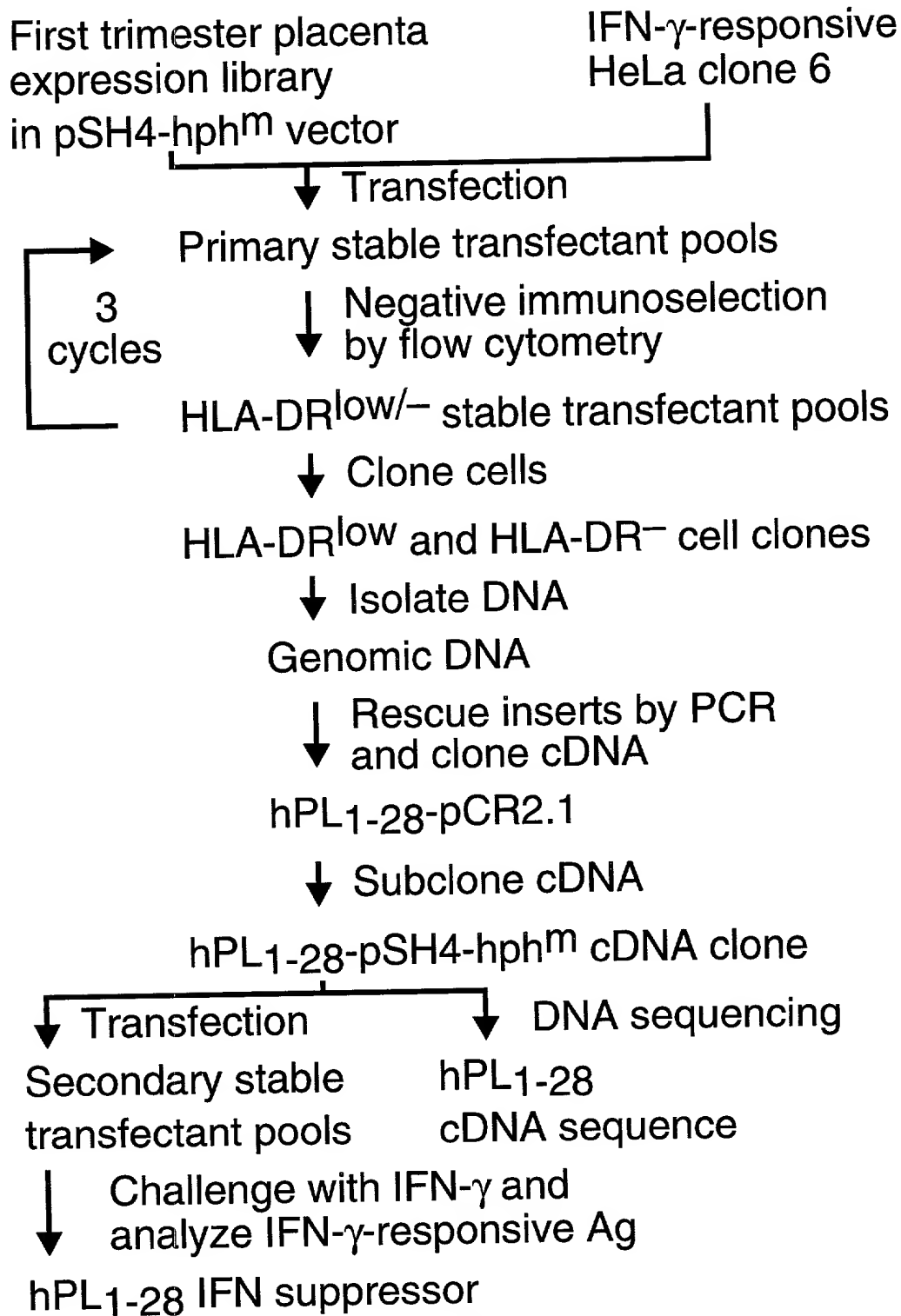
3/28 (11%) IDENTICAL, 12/28 (43%) SIMILAR

FIG. 6

[illegible]

FIG. 7A

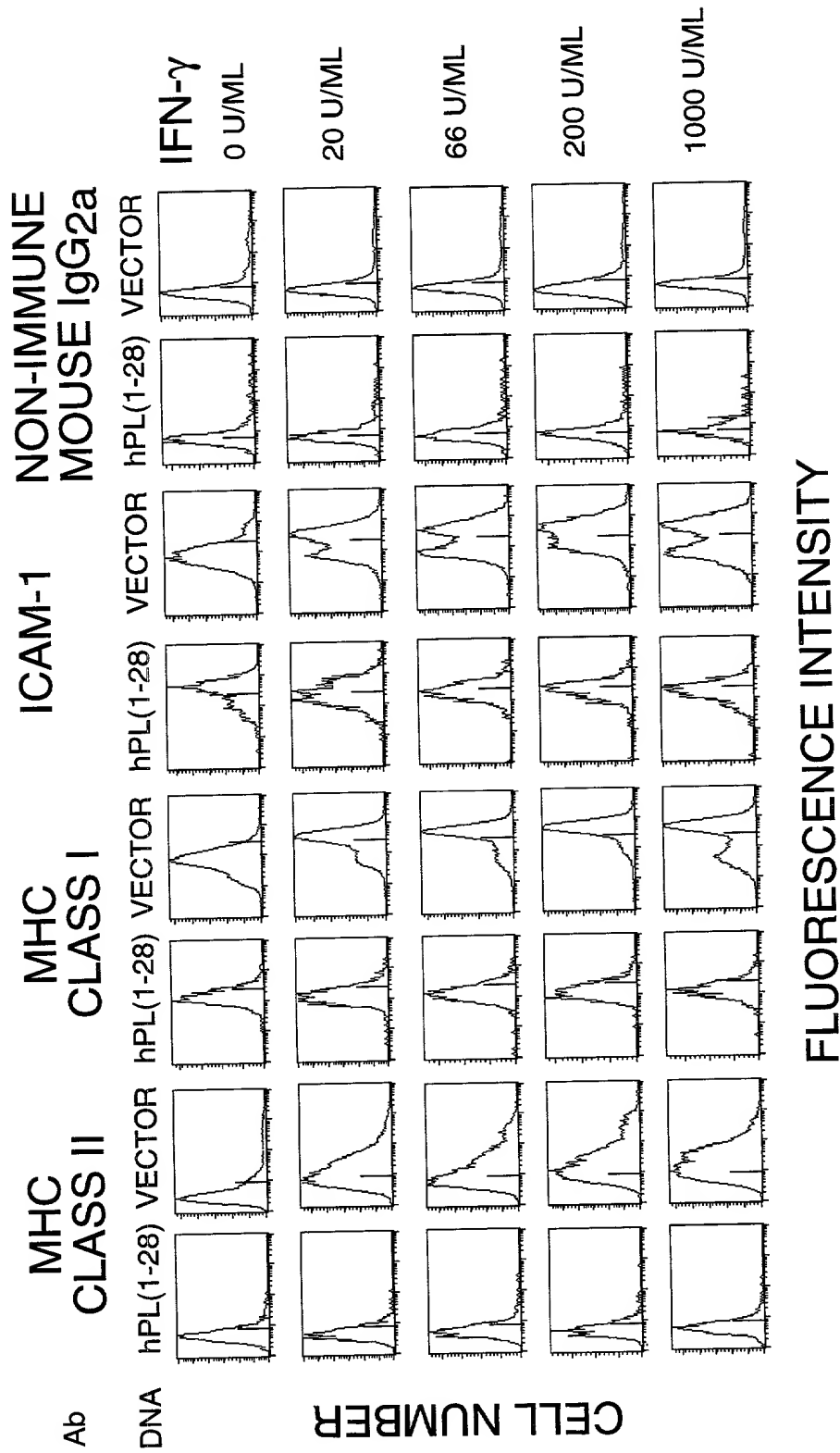
FIG. 7B

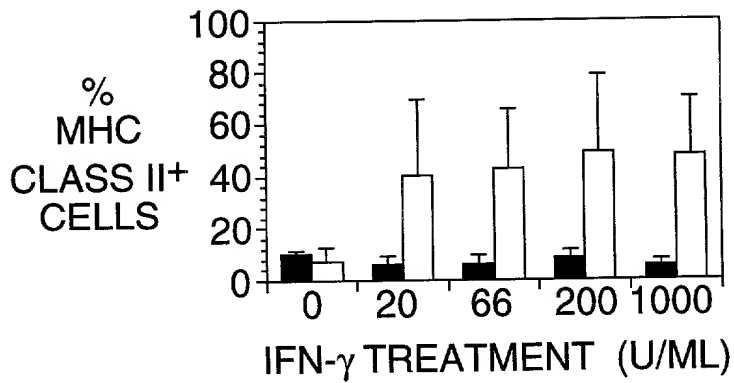
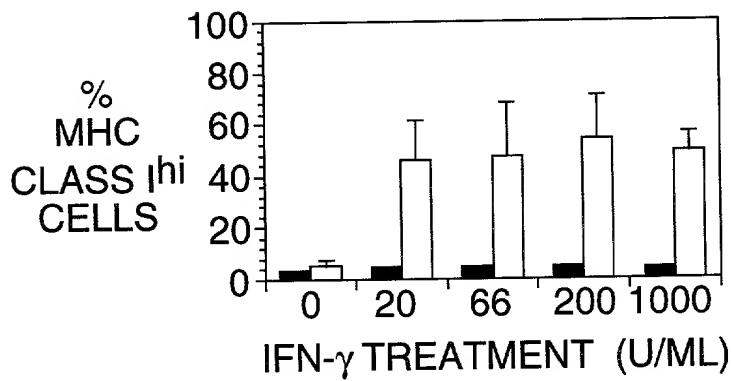
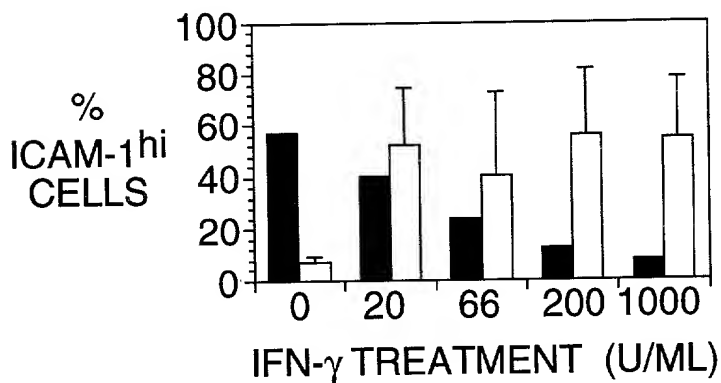
**FIG.8**

MAAGSRTSLLAFALLCLPWLQEAGAVQTVPLSR¹LDHAMLQAHRAHQLAIDTY²⁸

Signal peptide Secreted peptide

FIG.9A



**FIG.11A****FIG.11B****FIG.11C**

■ hPL(1-28)-pSH4-hph^m-HeLa
□ EMPTY VECTOR-HeLa